Project Description/Need
Great River Energy, wholesale electric supplier to Crow Wing Power and 27 other electric cooperatives, proposes to construct a new overhead 115 kilovolt (kV) transmission line that is needed to provide electric power to a new petroleum pump station (Backus Station) being proposed by Enbridge Energy (Enbridge). The Enbridge pump station is part of a pipeline replacement project that will require permits from the Minnesota Public Utilities Commission.

Proposed Project
The 2.5-mile transmission line (see map on back for proposed route) would interconnect with an existing Minnesota Power (MP) 115 kV transmission line approximately four miles southwest of the City of Backus. From there the line would run northeast for one quarter mile to the existing ±250 kV Direct Current (DC) transmission line owned by MP. The line would then run east for 2.25 miles, paralleling the DC Line (on the south side). From there the line would turn north and cross under the DC line to terminate at the proposed pump station location just west of 48th Ave SW.

The proposed transmission line will consist of wood poles that are 350 to 400 feet apart and 70 to 80 feet above ground. Guy wires and anchors, when necessary, will be used to stabilize poles. Some specialty poles may also be required. The new transmission line will require a 100-foot-wide right of way, 50 feet on each side of the centerline. Trees and vegetation in the right of way will be removed to provide a safe construction, operation and maintenance area.

Permitting
Great River Energy submitted a route permit application for the proposed Project to the Minnesota Public Utilities Commission (MPUC) on August 7, 2015. During the route permit process, the public and regulatory agencies will have numerous opportunities to provide input on the proposed Project, including public meetings facilitated by MPUC and Department of Commerce Energy Environmental Review and Analysis (DOC EERA) staff. The DOC EERA will prepare an Environmental Assessment (EA) for the Project. Construction cannot begin until an approved permits are granted by the MPUC and the DNR and easements are released by Cass County.

Easements/Trees
Great River Energy will contact landowners to present an easement and offer of compensation. At that time, information will also be shared on tree removal, construction access and practices, and restoration of the right of way.

Project Schedule

<table>
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<tr>
<th>Activity</th>
<th>Timeline</th>
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<td>Public contacts and/or notifications</td>
<td>Spring 2015</td>
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<tr>
<td>Project permitting</td>
<td>Summer 2015 to summer 2018</td>
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<tr>
<td>Easement acquisition/right-of-way permits</td>
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<tr>
<td>Transmission line construction</td>
<td>Summer/Fall 2020</td>
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<tr>
<td>Energization</td>
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For project updates and information, visit greatriverenergy.com/bullmoose or contact:

Peter Schaub  
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Great River Energy – Transmission Land Rights  
(763) 445-5976 or (612) 801-7370  
pschaub@grenergy.com
Proposed Project

- Proposed Enbridge pipeline
- Interconnect with Minnesota Power 115 kV transmission line
- Proposed Enbridge Backus Pump Station
- Proposed Great River Energy 115 kV transmission line paralleling existing DC line
- Existing Minnesota Power ±250 kV DC transmission line
- Existing Minnesota Power 230 and 115 kV transmission lines

Legend:
- Great River Energy
  - Proposed 115 kV transmission line
- Minnesota Power
  - Existing 34.5 kV transmission line
  - Existing 115 kV transmission line
  - Existing 230 kV transmission line
  - Existing ±250 kV DC transmission line
- Enbridge
  - Proposed pump station
  - Proposed pipeline

Map of Cass County with proposed projects and connections.